

Recombinant Human SHC1, GST-tagged

Cat. No. SHC1-2654H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SHC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-169AA
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	SHC1 SHC (Src homology 2 domain containing) transforming protein 1 [Homo sapiens]
Official Symbol	SHC1
Synonyms	SHC1; SHC (Src homology 2 domain containing) transforming protein 1; SHC, SHC (Src homology 2 domain containing) transforming protein 1; SHC-transforming protein 1; p66; SH2 domain protein C1; SHC-transforming protein 3; SHC-transforming

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	protein A; SHC (Src homology 2 domain-containing) transforming protein 1; SHC; SHCA; FLJ26504;
Gene ID	6464
mRNA Refseq	NM_001130040
Protein Refseq	NP_001123512
MIM	600560
UniProt ID	P29353
Chromosome Location	1q21
Pathway	Activation of Chaperone Genes by XBP1(S), organism-specific biosystem; Activation of Chaperones by IRE1alpha, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Alpha6-Beta4 Integrin Signaling Pathway, organism-specific biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem;
Function	ephrin receptor binding; ephrin receptor binding; epidermal growth factor receptor binding; epidermal growth factor receptor binding; insulin receptor binding; insulin-like growth factor receptor binding; neurotrophin TRKA receptor binding; phospholipid b